**FORM PTO-1390** (REV. 01-2003)

US DEPARTMENT C COMMERCE PATENT & TRADEMARK OFFICE

## TRANSMITTAL LETTER TO THE UNITED STATES

ATTORNEY'S DOCKET NUMBER 128591

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

|  |   | ESIGNATED/ELECTED OF<br>DNCERNING A FILING UN   |   | New U.S. National Phase-of PCT/JP2005/000228       |  |  |  |  |  |  |
|--|---|---|---|--|--|--|--|--|--|--|
| INTERNATIONAL APPLICATION NO. PCT/JP2005/000228                      |   |   | INTERNATIONAL FILING DATE<br>January 12, 2005 | PRIORITY DATE CLAIMED January 15, 2004             |  |  |  |  |  |  |
|  |   | NVENTION<br>SURE APPARATUS AND DEVIC  | E MANUFACTURING METHOD                        |  |  |  |  |  |  |  |
|  |   | T(S) FOR DO/EO/US<br>TSUJI; Kenichi SHIRAISHI; Hiroy  | uki NAGASAKA; Katsushi NAKA                   | NO   |  |  |  |  |  |  |
| Appli  | Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: |   |   |  |  |  |  |  |  |  |
| 1.   | $\boxtimes$   | This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.  |   |  |  |  |  |  |  |  |
| 2.   |   | This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.   |   |  |  |  |  |  |  |  |
| 3.   | $\boxtimes$   | This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. |   |  |  |  |  |  |  |  |
| 4.   | $\boxtimes$   | The US has been elected (Article 31).   |   |  |  |  |  |  |  |  |
| <b>5</b> .   | $\boxtimes$   | A copy of the International Application as filed (35 U.S.C. 371(c)(2))  |   |  |  |  |  |  |  |  |
|  |   | a. 🗵 is attached hereto (required only if not communicated by the International Bureau).  |   |  |  |  |  |  |  |  |
|  |   | b.  has been communicated by the International Bureau.  |   |  |  |  |  |  |  |  |
|  |   | c.  is not required, as the application   | cation was filed in the United States         | s Receiving Office (RO/US).                        |  |  |  |  |  |  |
| 6.   | $\boxtimes$   | An English language translation of  | the International Application as file         | d (35 U.S.C. 371(c)(2))                            |  |  |  |  |  |  |
| .,   |   | a. 🛛 is attached hereto.  |   |  |  |  |  |  |  |  |
|  |   | b.  has been previously submit  | ted under 35 U.S.C. 154(d)(4).                |  |  |  |  |  |  |  |
| ٠,   |   | c.  The International Application   | n was filed in English.                       |  |  |  |  |  |  |  |
| 7.   |   | Amendments to the claims of the I   | nternational Application under PCT            | Article 19 (35 U.S.C. 371(c)(3))                   |  |  |  |  |  |  |
|  |   | a.   are attached hereto (require   | ed only if not communicated by the            | International Bureau).                             |  |  |  |  |  |  |
|  |   | b.  have been communicated b  | y the International Bureau.                   |  |  |  |  |  |  |  |
| .•   | •   | c.  have not been made; howe  | ver, the time limit for making such a         | amendments has NOT expired.                        |  |  |  |  |  |  |
|  |   | d.  have not been made and w  | ill not be made.                              |  |  |  |  |  |  |  |
| 8. •   |   | An English language translation of  | the amendments to the claims und              | ler PCT Article 19 (35 U.S.C. 371(c)(3)).          |  |  |  |  |  |  |
| 9.   | $\boxtimes$   | An oath or declaration of the inventors (35 U.S.C. 371(c)(4)).  |   |  |  |  |  |  |  |  |
| 10.  |   | An English language translation of (35 U.S.C. 371(c)(5)).   | the annexes of the International Pr           | reliminary Examination Report under PCT Article 36 |  |  |  |  |  |  |
| Items 11 to 20 below concern document(s) or information •n included: |   |   |   |  |  |  |  |  |  |  |
| 11.  | $\boxtimes$   | An Information Disclosure Statement   | ent under 37 CFR 1.97 and 1.98.               |  |  |  |  |  |  |  |
| <u>}</u> 12.   |   | An assignment document for reco   | rding. A separate cover sheet in co           | ompliance with 37 CFR 3.28 and 3.31 is included.   |  |  |  |  |  |  |
| 13.  | $\boxtimes$   | A preliminary amendment.  |   |  |  |  |  |  |  |  |
| 14.  | $\boxtimes$   | An Application Data Sheet under 3   | 37 CFR 1.76.                                  |  |  |  |  |  |  |  |
| 15. <i>i</i>   |   | A substitute specification.   |   |  |  |  |  |  |  |  |
| 16.  | $\boxtimes$   | A power of attorney and/or change   | e of address letter.                          |  |  |  |  |  |  |  |
| 17.  |   | A computer-readable form of the s   | equence listing in accordance with            | PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.         |  |  |  |  |  |  |
| 18.  |   | A second copy of the published in   | ternational application under 35 U.S          | S.C. 154(d)(4).                                    |  |  |  |  |  |  |
| 19.  |   | A second copy of the English lang   | uage translation of the internationa          | l application under 35 U.S.C. 154(d)(4).           |  |  |  |  |  |  |
| 20.  | $\boxtimes$   | International Search Report   |   |  |  |  |  |  |  |  |
|  |   |   | <i>3</i>                                      |  |  |  |  |  |  |  |

MP20 Rec'd FOTFTO 29 JUN 2000.

| U.S. APPLICATION (in the work is New U.S. Patent Application   | 2 (7:13.15)  | INTERNATIONAL APPLICA PCT/JP2005/000228 | TION NO.                           | ATTORNEY'S DOCKET N                     | IUMBER             |  |  |  |  |  |
|--|--|---|------------------------------------|---|--------------------|--|--|--|--|--|
| 21.  The following fees  |  | FC173F2003/000220                       |                                    | CALCULATIONS                            | PTO USE ONLY       |  |  |  |  |  |
| -  |  | •                                       |                                    | 0/12002/110/10                          | 1.000001           |  |  |  |  |  |
|  |  |   |                                    |   |                    |  |  |  |  |  |
| BASIC NATIONAL FEE (37   | \$300.00   |   |                                    |   |                    |  |  |  |  |  |
| SEARCH FEE (37 CFR 1.49  | \$400.00   |   |                                    |   |                    |  |  |  |  |  |
| International preliminary exa  |  |   |                                    |   |                    |  |  |  |  |  |
| the USPTO as IPEA or ISA industrial applicability for all  |  |   |                                    |   |                    |  |  |  |  |  |
| national phase   |  |   |                                    |   |                    |  |  |  |  |  |
| International search fee (37   |  |   |                                    |   |                    |  |  |  |  |  |
| micrialional ocalon 100 (or  |  |   |                                    |   |                    |  |  |  |  |  |
| International search report p the search fee is paid   |  |   |                                    |   |                    |  |  |  |  |  |
| All situations not provided fo   | r above  |   | \$ 500.00                          |   |                    |  |  |  |  |  |
| <b>EXAMINATION FEE (37 CF</b>  | R 1.492(c)(1)-(2)):  |   |                                    | \$200.00                                |                    |  |  |  |  |  |
|  |  | <b>:</b>                                | <b>-1</b> 1                        |   |                    |  |  |  |  |  |
| International preliminary exa the USPTO as IPEA or ISA   |  |   |                                    |   |                    |  |  |  |  |  |
| industrial applicability for all   | claims presented ir  | n the application entering              | ng the                             |   |                    |  |  |  |  |  |
| national phase   | ***************************************  | • | \$ 0.00                            |   |                    |  |  |  |  |  |
| All situations not provided fo   | r above  |   | \$ 200.00                          |   |                    |  |  |  |  |  |
| Surcharge of \$130.00 for fur  | nishing the search   | fee, the examination fe                 | e or the oath or                   | \$                                      |                    |  |  |  |  |  |
| declaration after the date of  | commencement of  | the national phase (37                  | CFR 1.492(h)).                     | 10 - 20 - 10 - 11 - 11 - 11 - 11 - 11 - |                    |  |  |  |  |  |
| APPLICATION SIZE FEE   | ÷ 50   | - +0                                    | x 250 =                            | \$                                      |                    |  |  |  |  |  |
| Total pages 35 - 100 =   |  | = †0                                    | x 250 =                            | Ψ                                       |                    |  |  |  |  |  |
| †round up to next integer  |  | T Number exter                          | T                                  |   |                    |  |  |  |  |  |
| TOTAL CLAIMS   | NUMBER FILED   | NUMBER EXTRA                            | RATE                               | \$<br>\$                                |                    |  |  |  |  |  |
| INDEPENDENT CLAIMS   | 16 - 20<br>3 - 3   | <del>=</del><br>  <del>=</del>          | x 50.00 =<br>x 200.00 =            | \$                                      |                    |  |  |  |  |  |
| MULTIPLE DEPENDENT CL  |  | 1 -                                     | + 360.00 =                         | \$                                      |                    |  |  |  |  |  |
|  | \$   |   |                                    |   |                    |  |  |  |  |  |
| ☐ Applicant claims small e   | entity status. See 3   | 7 CFR 1.27. The fees                    | indicated above are                | \$                                      |                    |  |  |  |  |  |
| reduced by ½.  |  |   | CURTOTAL -                         | #000 00                                 |                    |  |  |  |  |  |
| Processing fee of \$130.00 fc  | or furnishing the En   | glish translation later th              | SUBTOTAL =                         | \$900.00<br>\$                          |                    |  |  |  |  |  |
| the earliest claimed priority of   |  |   | tan oo montaa nom                  | Ψ                                       |                    |  |  |  |  |  |
|  |  | TOTAL                                   | NATIONAL FEE =                     | \$900.00                                |                    |  |  |  |  |  |
| _  | Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + |   |                                    |   |                    |  |  |  |  |  |
| accompanied by an appropri   | ate cover sheet (3)  |   | i.00 per property + EES ENCLOSED = | \$900.00                                |                    |  |  |  |  |  |
|  |  |   |                                    | Amount to be                            |                    |  |  |  |  |  |
|  |  |   |                                    | refunded:                               | \$                 |  |  |  |  |  |
|  |  |   |                                    | charged:                                | \$                 |  |  |  |  |  |
| _ <u> </u>   |  | \$900.00 to cover the a                 |                                    |   |                    |  |  |  |  |  |
| b. Please charge m sheet is enclosed   | b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.  |   |                                    |   |                    |  |  |  |  |  |
| c. 🛛 The Commission  |  |   |                                    |   |                    |  |  |  |  |  |
| Deposit Account No. <u>15-0461</u> . A duplicate copy of this sheet is enclosed.   |  |   |                                    |   |                    |  |  |  |  |  |
| d. Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038. |  |   |                                    |   |                    |  |  |  |  |  |
| <b>∂</b>   |  |   |                                    |   |                    |  |  |  |  |  |
|  |  | der 37 CFR 1.495 has                    |                                    | tion to revive (37 CF                   | R 1.137(a) or (b)) |  |  |  |  |  |
| SEND ALL CORRESPOND  | _  | e the application to p                  | enumy status//                     | 111                                     |                    |  |  |  |  |  |
| OLIFF & BERRIDGE, PLC  |  |   |                                    |   |                    |  |  |  |  |  |
| Customer Number:   | A. Oostantine  |   |                                    |   |                    |  |  |  |  |  |
|  |  |   | REGISTRATIO                        | ON NUMBER: 33,5                         | 65                 |  |  |  |  |  |
| Date <u>June 29, 2006</u>  |  | •                                       | NAME: Joel S                       | S. Armstrona                            |                    |  |  |  |  |  |
|  |  |   |                                    | ON NUMBER: 36,4                         | 30                 |  |  |  |  |  |
|  |  |   |                                    | ŕ                                       |                    |  |  |  |  |  |
|  |  |   |                                    |   |                    |  |  |  |  |  |